Info-Hams Digest            Fri,  4 Nov 94      Volume 94 : Issue 1189

Today's Topics:
                *** Q: WHAT KIND OF PEOPLE ON THE NET ?
                    Contacting the MIR. Help!
                Experiences w/ Ameritron AL-811H
                Help with HTX-202 needed please
                    Maws Coad and Spelinge
            MOTOROLA Signal Generator [need schematic]
                    Need to locate Novice
            No License to Extra Leap?  (3 msgs)
                    Packet Cluster Author ??
                    Power Supply Survey!
                Questions on This and That
                        RTTY question
        VOLUNTEERS NEEDED 4 WALK-A-THON in Southern California
                    Warning - PDA Logic problems

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Date: 3 Nov 1994 17:05:12 GMT
From: cisitm@albert.cad.cea.fr (Pierre Didierjean)
Subject: *** Q: WHAT KIND OF PEOPLE ON THE NET ?

I'd like to know what kind of people i find on the net.

Students, Commercials, Adminitrations, Scientifics or what ??

Is anybody knows that or have statistical results ?

What are YOU doing in life ?

I am a system administrator.


Thanks for the answers and sorry for my english .....



Bye


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+----------------------------------------------------------------------------+
|        Pierre DIDIERJEAN                              |
|                                              |
|        Administrateur Systeme UNIX                      |
|        Cisi, Aix-en-Provence                         |
|        France                                |
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|    email :   cisitm@albert.cad.cea.fr                    |
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Date: Thu, 3 Nov 1994 14:44:08 GMT
From: zlau@arrl.org (Zack Lau (KH6CP))
Subject: Contacting the MIR. Help!

Greg Dolkas KD6KGW (greg@core.rose.hp.com) wrote:
: Zack Lau (KH6CP) (zlau@arrl.org) wrote:
: : Gary's analysis makes sense if you are interested maximizing the
: : time you can work MIR, as opposed to just working them once.
: :
: Sorry, Zack, but I have to agree with Gary.  In my experience working RS-10
: over the past few years, a simple vertical antenna works best.  I use a
: home-brew 5/8 J-pole most of the time, with 10-30 watts.  On really bad
: passes (close to the horizon) I switch over to a 5 element beam aimed at
: the horizon.  In the 50+ contacts made, I've experienced a high angle dropout
: once or twice, when the satellite was *right* overhead (89.something degrees).
: Those happen very rarely, and the dropout lasted less than a minute.
: good candidates (for phone; I'm not up on packet sats yet).

According to my calculations, the minimum you need to work MIR
(height nominally 400 km) is 10 milliwatts to an antenna with 0
dBi gain straight up.  I made the assumption that the astronaut
isn't an FM DXer, and isn't used to pulling weak FM signals out

of the noise (-118 dBm needed for a good signal)

Due to the increase in path loss, you need at least 15 dB more
signal when MIR is at the horizon.  This assumes that you have
a clear horizon.  When MIR is 8 degrees above the horizon, you
still need 11 dB more signal than when it is overhead.

Now, what does this mean in practical terms, since most people
run more than 10 milliwatts?  It just means that you probably
have a 10 dB or so advantage if you are located in a good spot
as opposed to someone on the edge of the footprint.  This is where
MIR is fundamentally different from RS-10.  With RS-10, you can
still work people if you are 10 dB weaker than the strongest
stations.  Signals 10 dB weaker in an FM receiver get covered up
completely.

A statistical analysis of possible MIR paths doesn't make
sense to me.  If I wanted to work MIR I would look at the
actual paths and choose the best ones.  Then I would make sure
my antenna and location was appropriate for the path.  The
statistical analysis that might be useful is to analyze the
locations of stations that have worked people in space, to
see what places seem to have the edge.

If I was really serious I might even alter my travel plans
a little to give myself a better chance.  After all,
traveling hundreds or thousands of miles for business
or vacation isn't unusual anymore.  Personally, I'd rather
vacation in Hawaii than in New York City, even though it
is a longer trip that makes carrying a carload of stuff
difficult.  Carrying something along to work MIR ought
to be easy compared to bringing something to worth through
Oscar 13.
--
Zack Lau  KH6CP/1          2 way QRP WAS
                            8 States on 10 GHz
Internet: zlau@arrl.org   10 grids on 2304 MHz


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Date: Thu, 3 Nov 1994 17:43:35 GMT
From: hawk@zinger.sps.mot.com (George Hawkins)
Subject: Experiences w/ Ameritron AL-811H

I own a AL811 [the one with 3 811's] and am pleased with
it's performance for it's price.

regards,

George
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George Hawkins  KI5X                 Internet: hawk@hawk.sps.mot.com
Motorola Digital Signal Processors  UUCP: cs.utexas.edu!oakhill!hawk!hawk
Semiconductor Products Sector       Motorola Internal Email - R12137@email
6501 William Cannon Drive West       Phone (512) 891-4543
Austin Texas 78735-8598              FAX   (512) 891-2947
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Date: 2 Nov 1994 20:54:07 -0500
From: tomsunman@aol.com (TOM SUNMAN)
Subject: Help with HTX-202 needed please

    I'm waiting for my tech license to arrive and I'm playing with my new
HTX-202. The manual says to clear all memory turn OFF the transceiver and
press F + CLR then turn on the transciever. I did this and nothing
cleared! Everything I put in was STILL there.
Also, When attempting to store a calling frequency I press CA and 146.000
keeps coming up on the display. I can't seem to store the frequency I want
in the memory. The freq I want to store doesn't require a subaudible tone.

    I also noticed that when I activate the power save mode nothing seems
to happen. Any help or advice much appreciated!

   Oh, one more question. What does listen on the input mean? I hear this
once in awhile. "I'll listen on the input". Like someone is checking there
signal or something. I know repeaters use an input and output frequency so
I imagine that has something to do with it.

73's

Tom

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Date: Thu, 3 Nov 1994 02:23:06 GMT
From: kevin jessup <kevin.jessup@mixcom.mixcom.com>
Subject: Maws Coad and Spelinge

In <39779u$9d3@geraldo.cc.utexas.edu> oo7@astro.as.utexas.edu (Derek Wills)
writes:

>For the record, I am unbelievably intelligent, not a member of the NRA,
>not homophobic, spell almost perfectly, can copy code well and I'm much
>more modest than Gary Coffman.  Ha!

Perhaps you should run for office.

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Date: Thu, 3 Nov 1994 16:55:36 GMT
From: hawk@zinger.sps.mot.com (George Hawkins)
Subject: MOTOROLA Signal Generator [need schematic]

Hello everyone!
I own a Motorola S-1318-A Motorola signal generator. It was built
for Motorola by Measurements Inc out of Boonton, NJ.

It's in need of repair and I really need a schematic desperately.

Does anyone have one or know where I can possibly obtain one???

Thanks in advance. EMAIL Me at hawk@hawk.sps.mot.com


regards,
George
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George Hawkins  KI5X                 Internet: hawk@hawk.sps.mot.com
Motorola Digital Signal Processors   UUCP: cs.utexas.edu!oakhill!hawk!hawk
Semiconductor Products Sector        Motorola Internal Email - R12137@email
6501 William Cannon Drive West       Phone (512) 891-4543
Austin Texas 78735-8598              FAX   (512) 891-2947
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Date: 3 Nov 1994 15:58:49 -0000
From: smdorman@news.delphi.com (SMDORMAN@DELPHI.COM)
Subject: Need to locate Novice

I need help in finding a friend who is a novice.
His call sign is N8UHO

If anyone can find the name, please email me at
SMDORMAN@DELPHI.COM

Thanks,
SDorman

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Date: 3 Nov 1994 14:11:25 GMT

From: Wayne Wright <w5xd@slb.com>
Subject: No License to Extra Leap?

Back before there were VE's, but after the FCC dropped the experience
requirement for Amateur Extra, John Warren, NT5C, went to the
Houston FCC office and passed General through Extra in one sitting.
He had never been licensed before.

I think it cost $20.00 in those days to sit for the exam.

Wayne,
W5XD

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Date: Thu, 03 Nov 94 19:36:12 GMT
From: jangus@skyld.grendel.com (Jeffrey D. Angus)
Subject: No License to Extra Leap?

In article <392v9d$l47@crl.crl.com> arthurc@crl.com writes:

  >
  >  Has there ever been anyone who walked into a licensing examination with
  > no license at all, passed everything, and walked out amateur extra? If
  > not, what's the biggest leap anyone has heard of? I took someone to an
  > exam site, and he went from Tech + to Advanced in one leap -- passed the
  > 13 wpm, general, advanced, and even the extra exam. Couldn't quite handle
  > the 20 wpm, however.
  >

  Am I the only one left that remembers when Novice licenses *expired*?
  And that to get the Extra class license, you had to *show* a year of
  on-air experiance?

  I had my Novice license for about a year, went down to the FCC field
  office (remember *those*?) with a buddy of mine and after both getting
  a jay-walking ticket we both managed to fail the code test. So we went
  back 30 days later. (remember haing to *wait*?) I passed the code, and
  took the General theory test. After the test the examiner asked me if I
  would like to take the Advanced as well. Oh well, what the heck. I did
  and I passed.

  Still an Advanced class licensee. And now I hear people complaining that
  the VE's were serving orange juice at the testing sessions.... Geeze!

  If you're (warning puns follow) Gordon to go get the test after having
  Bashered your skull with memorized bits, might as well take all the tests
  at once before it all dribbles back out.

73 es GM from Jeff

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 Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM Internet: jangus@skyld.grendel.com
 US Mail: PO Box 4425 Carson, CA 90749        Phone: 1 (310) 324-6080

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Date: Thu, 3 Nov 1994 01:59:22 GMT
From: cwm3@psu.edu (Chuck McMullen)
Subject: No License to Extra Leap?

In article <394nv7$m6e@news.delphi.com> SJS1994@delphi.com writes:
>From: SJS1994@delphi.com
>Subject: No License to Extra Leap?
>Date: 1 Nov 1994 06:41:43 GMT


>> Has there ever been anyone who walked into a licensing examination wit
>   > no license at all, passed everything, and walked out amateur extra? If
>   > not, what's the biggest leap anyone has heard of? I took someone to an
>   > exam site, and he went from Tech + to Advanced in one leap -- passed
>   >the 13 wpm, general, advanced, and even the extra exam. Couldn't quite
>   >handle the 20 wpm, however.
>I went from no license to advanced first time. Didn't pass Extra theory
>because I never studied for it, figuring I'd never pass 20WPM.However,
>there is a big difference between copying 20WPM and answering multiple
>choice questions. I was actually solid at only about 15WPM. Got extra the
>next month. I wouldn't necessarily recommend this. I sort of regret never
>having been a Novice.

>Chris
>NU1O


I am a VE in State College, PA.  We had a fellow who did this four or five
years ago.  The VE team had to stay later than we planned but we were
cheering him on all the way.

Chuck - K3CM

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Date: 3 Nov 1994 12:55:02 -0500
From: jimkd0av@aol.com (JimKD0AV)
Subject: Packet Cluster Author ??

Packet Cluster author is AK1A.

73, Jim KD0AV

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Date: 4 Nov 94 11:59:46 GMT
From: slg@rfc.COMm.harris.COM (Steven L Goldstein)
Subject: Power Supply Survey!

I also have an Astron 35A. Overall, I am very satisfied with the
performance of the power supply. It regulates very well under load.

However, I do have two complaints, one minor and one serious. First, the
minor complaint: when you turn off the power supply, there is still
voltage at the output terminals for probably 15 seconds until the caps
bleed off. I'd like to see the output line switched so that when you turn
the PS off, the output voltage drops to 0 V immediately.

The serious complaint is this: the regulators, mounted on rear panel
heatsink, are totally exposed. Yes, they are recessed into the heatsink
fins, but they are exposed none-the-less. There was a time when I was
making some adjustment underneath my desk (where the PS lives), and one
of my grounding braids shorted against one of the regulators, making a
big spark. A plus for the Astron is that no harm was done, but that's
beside the point. I've since covered the regulators w/ electrical tape.
I've seen power supplies from other companies where the regulators are
covered with plastic caps. I think Astron should adopt this approach.

Otherwise, it's a great supply!

73 de kb2pwm

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Date: 2 Nov 1994 01:06:09 GMT
From: Jim.Devenport.WB5AOX@ucsd.edu (jdevenport@lanl.gov)
Subject: Questions on This and That

:>This (the shave & a haircut story) sounds like pure myth to me.
:>Anyone have any actual references (i.e. QST articles/story) to
:>back up this claim?  Not meant as a flame, just want to
:>validate this story.

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:>
:>--
:>Bill Sohl  K2UNK      (billsohl@planet.net)
:>Budd Lake, New Jersey


I sure dunno the "TRUE ORIGIN" of the shave-and-a-haircut tappey tap tap
but know my dad used it sometimes on the door and saw the same done in
movies during the 1960's.  Back in the early 1970's when I was still very
active in CW, many many QSO's ENDED with the 1st op sending (. ... . )
and the other op sending the last 2 dits to complete the jingle.  I'm
much too new to ham radio (only active since 1970 to present with an
ill-fated 1 year stint as a Novice in 1963) to have been around when the
QSO's used the exchange as a form of CQ.
Jim Devenport WB5AOX  (jdevenport@lanl.gov)
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Date: 3 Nov 1994 18:21:54 GMT
From: hcheyney@magnus.acs.ohio-state.edu (Harold E Cheyney)
Subject: RTTY question

Just recently started working RTTY using a Kantronics KAM
TNC, a Kenwood TS-530s, and a dumb terminal.  I find that
I can copy rather weak signals as long as they are in the
clear but QRM on nearby frequencies seems to desensitize
the TNC.  Will a narrow CW filter work with RTTY?  How
narrow?

Please E-mail.

Thanks
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Date: Thu, 3 Nov 1994 17:34:26 GMT
From: counsel@netcom.com (Trung Quang NGUYEN)
Subject: VOLUNTEERS NEEDED 4 WALK-A-THON in Southern California

Dear Sir:

We are organizing a WALK-A-THON for Refugee's rights on November 19, 1994 at
Mile Square Park in Fountain Valley, California. This is an annual event
organized by Vietnamese American communities in Southern California (the
largest group outside Vietnam). We are seeking help from Amateur Radio
operators to provide communication for the organizing committee. We need
about 10-20 operators, we will provide an Vietnamese-speaking assistant
for each operator. If you can help, please e-mail to our attention.
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Thank you everyone for your time and consideration.

Regards, 73-88
Trung Quang Nguyen, Esq.
NO6Q
counsel@netcom.com

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Date: 3 Nov 1994 12:52:02 -0500
From: jimkd0av@aol.com (JimKD0AV)
Subject: Warning - PDA Logic problems

A lot of local hams are using hyperlog which I understand is on shareware
bbs so you can try it out.  I still like Logic as it interfaces well with
my radio and packet ports and imports CT and NA contest results.

73,
Jim KD0AV

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Date: Thu, 3 Nov 1994 07:58:18 -0500
From: roh033.mah48d@rohmhaas.com (John E. Taylor III)

References<CyJoDL.8sz@nntpa.cb.att.com> <1994Nov1.153546.18903@ultb.isc.rit.edu>,
<395qpl$6q@cville-srv.wa
Subject: Re: $5 or $6 for VE's? Think again...

In article <395qpl$6q@cville-srv.wam.umd.edu>, ham@wam.umd.edu (Scott
Richard Rosenfeld) wrote:

> >Maybe the VE's just wanted him to come back so they could get another
> >$5 or $6 for another testing session.
> >
> Have you ever run a VE team?  I did so for 7 years at the U of MD, and
> I can honestly tell you that of the $5.00 or so we used to charge, if
> there were less that 10 people doing the exam, W5YI would get about $3.00
> of the $5.00, and we'd have the other $2.00 to "spread around."

This appears to be fairly typical of VE sessions.  We collect the money
because the VEC says we must, but at the session where I participate most
frequently, the money is just forwarded to the VEC; we've never kept a
penny (for monthly sessions over the past several years).  At other
sessions I participate with, some of the VE team leaders will cover a
fraction of their expenses, others nothing at all.  This is _definitely_
not a money maker.  We do it to serve the amateur community--that's you
guys--not ourselves.

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End of Info-Hams Digest V94 #1189
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